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EG&G ROCKY FLATS

EG&G ROCKY FLATS, INC.

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July 19, 1993

93-RF-8810

Richard J. Schassburger
Acting Director
Environmental Restoration Division
DOE, RFO

Attn: J. Pepe

PLANNED SAMPLING FOR MAGNETIC ANOMALY WEST OF 133 SERIES OF IHSSs, OU 5,
WOMAN CREEK DRAINAGE - WSB-306-93

The memo is a follow-up of our recent discussions on the magnetic anomaly that occurs west of the 133 Series of individual hazardous substance sites (IHSSs). This anomaly was identified by the magnetic survey performed during the fall of 1992 as part of the Phase I RCRA Facilities Investigation/Remedial Investigation (RFI/RI). This magnetic anomaly occurs in an elongated area measuring roughly 150 feet east to west by 50 feet north to south approximately 400 feet west of IHSS 133.6. There is no surface expression (from either aerial photo review or field recognizance), no anomalies reported from the HPGe survey, and no above background reading recorded during a recently completed FIDLER survey conducted over the area.

However, because of the presence of the magnetic anomaly, a three-borehole program will be conducted. Soil samples will be collected with a Kansas sampler pushed by a truck-mounted Geoprobe rig. The analytical program will be the same as that specified in Technical Memorandum (TM) 7, Soil Boring Program for the 133 Series of IHSSs (i.e., 6-foot composite samples collected for analysis of TAL metals and radionuclides). In addition, if groundwater is encountered in any boring, a one-time sample will be collected from within the first borehole with water. The water sample will be collected by inserting flexible tubing into the hollow rods used to push the Kansas sampler and pumping with a peristaltic pump. The analytical program for groundwater samples will be the same as that defined in TM 7 for Hydropunch samples. Each borehole will be abandoned upon completion of sampling activities. These drilling and sampling activities will begin on July 19, 1993 and should be completed by the following day.

Also, four sediment and ground water samples were collected at the four spring/seep areas north of Woman Creek. These sediment and water samples were collected to complement the current database and are in support of the Human Health Risk Assessment.

The above activities have a no cost impact to the contract. The task areas this work is being performed under are sufficiently funded to cover their cost. If you have any questions regarding this transmittal, please contact E. C. Mast of Remediation Project Management at extension 8589.

W. S. Busby
Acting Director
ERM/Remediation Project Management

ECM:dmf

Orig. and 1 cc - R. J. Schassburger

ADMIN RECORD

DIST.	LTR	ENC
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BERMAN, H.S.		
BRANCH, D.B.		
CARNIVAL, G.J.		
COPP, R.D.		
DAVIS, J.G.		
FERRERA, D.W.		
HANNI, B.J.		
HARMAN, L. K.		
HEALY, T.J.		
HEDAH, T.		
HILBIG, J.G.		
KIRBY, W.A.		
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LEE, E.M.		
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SULLIVAN, M.T.		
SWANSON, E.R.		
WILKINSON, R.B.	X	
WILLIAMS, S. (ORC)		
WILSON, J. M.		
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IN REPLY TO RFP CC NO:

N/A

ACTION ITEM STATUS

☐ OPEN ☒ CLOSED

☐ PARTIAL

LTR APPROVALS:

WSB: ECM
ORIG & TYPIST INITIALS
ECM/dmf

REVIEWED FOR CLASSIFICATION/UCNI
BY G. T. Ostdiek
DATE 8-9-93